

ABSTRACT OF THE DISCLOSURE

Systems, devices and methods are disclosed for automatically selecting and setting an operational data rate of an optoelectronic device. In particular, an integrated circuit includes a data rate select input for the selection and setting of the operational data rate. The integrated circuit internally generates a loss of lock signal if an input data rate does not match the operational data rate. The integrated circuit then automatically sets and selects operational data rates within a predetermined range of operational data rates until the loss of lock signal is deasserted or until all of the rates within the predetermined range of operational data rates have been attempted.

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